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LAW OFFICES OF JONATHAN ALAN QUINE

By: *Jonathan Alan Quine*

Atty Docket No: 1012E-909701US  
Client Ref: SJK/FP575965

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Thomas W. Rademacher; Hugo Caro

Application No.: 09/775,856

Filed: 2/1/2001

For: **Cyclitol Containing Carbohydrates  
From Human Tissue Which Regulate  
Lipogenic Activity**

Examiner: Unknown

Art Unit: 1623

**PRELIMINARY AMENDMENT**

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated April 3, 2001, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks. The following document(s) accompany this paper:

- 1) Copy of Notice to File Corrected Application Papers.

Please amend the specification and/or claims as follows.

**In the Abstract.**

Please enter the following abstract into the application after the claims:

**ABSTRACT OF THE DISCLOSURE**

The application relates to the purification and characterization of a family of A-type inositolphosphoglycans (IPGs) from human liver and placenta. These substances are shown to have the biological activity associated with A-type IPG fractions, namely regulating lipogenic activity and inhibiting cAMP dependent protein kinase. The characterization of the compounds demonstrates that they contain metal ions, in particular  $Zn^{2+}$ , and optionally phosphate. The compounds and their

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In accordance with 37 CFR § 1.121, a marked up version of the above-amended paragraph(s) illustrating the changes introduced by the forgoing amendment(s) is provided in Appendix A.

**REMARKS**

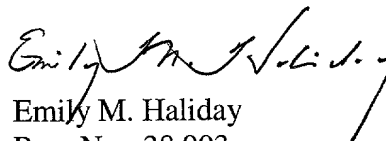
**Status of the Claims.**

Claims 1-20 are pending in the application. The application has been amended to insert an Abstract after the claims in response to the accompanying Notice to File Corrected Application Papers. Applicants point out that an Abstract was included on the face sheet of the published application, which was submitted with the application filing papers. As the above abstract is the same as that filed with the application (except for spelling changes), the amendment adds no new matter.

If a telephone conference would expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (510) 337-8894.

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Respectfully submitted,

  
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